

Type Registries

- **Issues:** All data is typed, explicitly or implicitly. Processing requires knowledge of types. This knowledge is generally built into software but across domains and across time more precision in associating data with the information needed to process it may be required. Related to this is the issue of discovering services that can be used to process data of a given type. We believe that a registry of data types, describing types for both humans and machines as well as pointing to related services, will assist in sharing and processing data.
- **Approaches:**
 - Compile a set of use cases for data type use and management
 - Formulate a data model and expression for types
 - Design a functional specification for type registries
 - Propose a federation strategy among multiple type registries at both the technical and organizational levels
- **Alignment with RDA:** Deployment of one or more type registries (sustainability model needed) provides a potential infrastructure service for inter-domain processing flows. Provides a home for PID information types.